#5

Atty. Docket No: 28110/35915A

1 2 ABECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001 as Application Serial No. __09/835,996 __. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

subject matter having a ming date	colore that of the application(s)	, or which priority to omitted.	
		P	riority Claimed
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit	t under 35 U.S.C. §119(e) of any \	United States provisional application(s)	listed below:
60/197,137		14/04/00	
(Application Serial Number)		(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/667,298	22/09/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/631,451	03/08/00	Pending
09/631,451 (Application Serial Number)	03/08/00 (Day/Month/Year Filed)	Pending (Status-Patented, Pending or Abandoned)

POWER OF ATTORNEY thereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark the connected therewith:

MAR 1 2 2002 6

John B. Lungmus (18,566)

Allen H. Gerstein (22,218)

Nate F. Sredfelli (22,320)

Reference F. Borun (25,447)

Trevor B. Joike (25,542)

Carl E. Moore, Jr. (26,487)

Richard H. Anderson (26,526)

Patrick D. Ertel (26,877) Richard B. Hoffman(26,910) James P. Zeller (28,491) William E. McCracken (30,195) Richard A. Schnurr (30,890) Anthony Nimmo (30,920) Christine A. Dudzik (31,245) Kevin D. Hogg (31,839) Jeffrey S. Sharp (31,879) Martin J. Hirsch (32,237) James J. Napoli (32,361) Richard M. La Barge (32,254) Li-Hsien Rin-Laures, M.D. (33,547) Douglass C. Hochstetler (33,710) Robert M. Gerstein (34,824) Anthony G. Sitko (36,278) James A. Flight (37,622) Roger A. Heppermann (37,641) David A. Gass (38,153) Gregory C. Mayer (38,238) Michael R. Weiner (38,359) William K. Merkel (40,725)

Send correspondence to: Sharon M. Sintich

FIRM NAME PHONE NO. STREET CITY & STATE ZIP CODE Marshall, O'Toole, Gerstein, Murray & Borun 312-474-6300 233 South Wacker Drive Chicago, Illinois 60606-6402 Full Name of First or Sole Inventor Dennis G. Ballinger United States of America Residence Address - Street 38 Bishop Lane 38 Bishop Lane City (Zip) Menlo Park, 94025 State or Country California California Date Signature SI	
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Dennis G. Ballinger Residence Address - Street 38 Bishop Lane City (Zip) Menlo Park, 94025 State or Country California Date United States of America Post Office Address - Street 38 Bishop Lane City (Zip) Menlo Park, 94025 State or Country California Signature	
38 Bishop Lane City (Zip) Menlo Park, 94025 State or Country California Date 38 Bishop Lane City (Zip) Menlo Park, 94025 State or Country California Signature	
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State or Country California California	
Date Signature 🗵	

DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

TRADIAN Spatent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

prior art cited in search reports of a foreign patent office in a counterpart application, and (1)

the closest information over which individuals associated with the filing or prosecution of a patent (2)application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or

(c) he has abandoned the invention, or

(d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the

applicant for patent, or

(f) he did not himself invent the subject matter sought to be patented, or

(g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

010	
Fifth Joint Inventor, if any Ping Zhou	Citizenship United States of America
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State or Country California	State or Country California
Date	Signature
☑	⊠

Atty. Docket No: 2811 /35915A

BECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

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		P	riority Claime	d ⊐
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes N	_
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application(s)	listed below:	
60/197,137		14/04/00		
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09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
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Nate Scarpelli (22,248)
Edward M. Habby (2,477)
Michael F. Borun (25,447)
Trevor B. Joike (25,542)
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MAR 1 2 2002 &

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FIRM NAME	PHONE NO.	STRI	EET	CITY & STATE	ZIP CODE
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Residence Address - Street 2077 Redwood Drive			Post Office Ac 2077 Redw	ldress - Street	
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California Date			California Signature		
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Fourth Joint Inventor, if any Y. Tom Tang			Citizenship	tes of America	
Residence Address - Street				ldress - Street	
4230 Ranwick court			4230 Ranw	vick Court	
City (Zip) San Jose, 95118			City (Zip) San Jose, 9	E11Q	
State or Country			State or Coun		
California			California		
Date 区			Signature		

F DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

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(c) he has abandoned the invention, or

(d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or

(f) he did not himself invent the subject matter sought to be patented, or

(g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

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Fifth Joint Inventor, if any Ping Zhou	Citizenship United States of America
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Date ⊠	Signature ⊠

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California	California
Date	Signature
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State or Country	State or Country
California	California
Date	Signature
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San Jose, 95118	San Jose, 95118
State or Country California	State or Country Califonia
Date	Signature
×	

Atty. Docket No: 28110/35915A

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As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001_as Application Serial No. __09/835,996____. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

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			Priority Claimed
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application	(s) listed below:
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09/631,451	03/08/00	Pending
09/631,451 (Application Serial Number)	03/08/00 (Day/Month/Year Filed)	Pending (Status-Patented, Pending or Abandoned)

POWER OF ATTORNEY: thereby appoint as my attorneys, with full power of substitution and revocation, to prosecute this application and transfer all business in the Patent and Trademark the connected therewith:

John B. Langmus(18,566) Allen H. Lestein (22,218) Nate F. Scandelli (22,320) Edward M. O redicted M. Michael F. Borun (25,447) Trevor B. Joike (25,542) Carl E. Moore, Jr. (26,487) Richard H. Anderson (26,526) Patrick D. Ertel (26,877) Richard B. Hoffman(26,910) James P. Zeller (28,491) William E. McCracken (30,195) Richard A. Schnurr (30,890) Anthony Nimmo (30,920) Christine A. Dudzik (31,245) Kevin D. Hogg (31,839) Jeffrey S. Sharp (31,879) Martin J. Hirsch (32,237) James J. Napoli (32,361) Richard M. La Barge (32,254) Li-Hsien Rin-Laures, M.D. (33,547) Douglass C. Hochstetler (33,710) Robert M. Gerstein (34,824)

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Date ⊠	Signature ☑

37 CFR 1.5 DUTY OF DISSEOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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Date 🗵	Signature ⊠

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California	California
Date Z/3/2	Signature Signature

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State or Country	State or Country
California	California
Date	Signature
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Fourteenth Joint Inventor, if any Dunrui Wang	Citizenship People's Republic of China
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City (Zip) Poway, 92064	City (Zip) Poway, 92064
State or Country California	State or Country California
Date 🗵	Signature ⊠

Atty. Docket No: 28110/35915A

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001 as Application Serial No. _09/835,996 __. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

same subject matter having a filing date	e before that of the applica	ation(s) of which priority is claimed:			
			Priority C	lain ⊐	ned
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Y	l'es	No
I hereby claim the benefit unde	r 35 U.S.C. §119(e) of any	United States provisional application	n(s) listed l	oelov	w:
60/197,137 (Application Serial Number)		14/04/00 (Day/Month/Year Filed)			

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/667,298	22/09/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
		- 1
09/631,451	03/08/00	Pending
09/631,451 (Application Serial Number)	O3/08/00 (Day/Month/Year Filed)	Pending (Status-Patented, Pending or Abandoned)
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)

37 CFR 1.56 DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

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- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

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A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

POWER OF ATTORNEY: The by appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Of Connected therewith:

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State or Country California	State or Country California
Date ⊠	Signature

Atty. Docket No: 28110/35915A

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a felow named inventor, I hereby declare that my residence, post office address and citizenship are as stated below at the original policy of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001 _ as Application Serial No. __09/835,996 ___. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

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same subject matter having a filin	g date before that of the applica	ation(s) of which priority is claimed:	
			Priority Claimed
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application	n(s) listed below:
60/197,137		14/04/00	
(Application Serial Number)		(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
0.01// 0.000	20/20/22	D-m lim-
09/667,298	22/09/00	<u>Pending</u>
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/631,451	03/08/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
00/200000	22/2//22	Don din a
09/598,042	20/06/00	Pending Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)

POWER OF ATTORNEY: 1 beby appoint as my attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Of Connected therewith:

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John B. Lungmus (8,566)

Allen H. Gerstein (2218)

Allen H. Gerstein (2 Carl E. Moore, Jr. (26,487)

Richard H. Anderson (26,526)

California

Date X

Christine A. Dudzik (31,245) Kevin D. Hogg (31,839)

Jeffrey S. Sharp (31,879) Martin J. Hirsch (32,237) James J. Napoli (32,361) Richard M. La Barge (32,254) Li-Hsien Rin-Laures, M.D. (33,547) Douglass C. Hochstetler (33,710) Robert M. Gerstein (34,824)

Anthony G. Sitko (36,278) James A. Flight (37,622) Roger A. Heppermann (37,641) David A. Gass (38,153) Gregory C. Mayer (38,238) Michael R. Weiner (38,359) William K. Merkel (40,725)

Send correspondence to: Sharon M. Sintich

FIRM NAME	PHONE NO.	STRE	ET	CITY & STATE	ZIP CODE
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Date ⊠			Signature		
Second Joint Inventor, if any Deborah Loeb			Citizenship United Sta	tes of America	
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State or Country California			State or Cour California		
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Third Joint Inventor, if any Julie R. Montgomery	•	ļ	Citizenship United Sta	tes of America	
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State or Country California	 		State or Cour California		
Date \(\sum \) \(\su			~	ulia ZMon	Manery
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Fourth Joint Inventor, if any			Citizenship	tes of America	
Y. Tom Tang Residence Address - Street			Post Office A	ddress - Street	
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State or Country		-	State or Cour	ntry	

California

Signature

X

7 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

MAR 1 2 2002 (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and relutes the teachings of all information material to patentability. Each individual associated with the filing and prosperity a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

OIPE	
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Foster City, 94404	Foster City, 94404
State or Country California	State or Country California
Date ⊠	Signature ⊠

Ninth Joint Inventor, if any	Citizenship
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State or Country	State or Country
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Date	Signature
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OIPE	
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Twelfth Joint Inventor, if any	Citizenship
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California	California
Date ☑	Signature

Thirteenth Joint Inventor, if any Xiaohong B. Qian	Citizenship People's Republic of China
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3662 Tumble Way	3662 Tumble Way
City (Zip)	City (Zip)
San Jose, 95132	San Jose, 95132
State or Country	State or Country
California	California
Date ⊠	Signature ⊠

Fourteenth Joint Inventor, if any Dunrui Wang	Citizenship People's Republic of China	
Residence Address - Street 12252 Pepper Tree Lane	Post Office Address - Street 12252 Pepper Tree Lane	
City (Zip) Poway, 92064	City (Zip) Poway, 92064	
State or Country California	State or Country California	
Date 区	Signature ⊠	

Atty. Docket No: 28110/35915A

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001 _as Application Serial No. __09/835,996 ___. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

same subject matter having a min	g date before that of the applica	mon(s) of winer priority is claimed.	
			Priority Claimed ☐ □
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application	n(s) listed below:
60/197,137		14/04/00	
(Application Serial Number)		(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/667,298	22/09/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/631,451	03/08/00	Pending Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
	1.21	P. 1
09/598,042	20/06/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)

POWER OF ATTORNEY: I by appoint as my attorneys, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Off Connected therewith:

John B. Lungmus (18,566)
Allen H. Gersten (22,218)
Nate F. Scarpelli (2,320)
Edward M. O'Toole (22,477)
Michael F. Borun (25,542)
Carl E. Moore, Jr. (26,487)
Richard H. Anderson (26,526)

Patrick D. Ertel (26,877)
Richard B. Hoffman(26,910)
Mames P. Zeller (28,491)
William E. McCracken (30,195)
Richard A. Schnurr (30,890)
Anthony Nimmo (30,920)
Christine A. Dudzik (31,245)
Kevin D. Hogg (31,839)

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Martin J. Hirsch (32,237)
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Richard M. La Barge (32,254)
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State or Country California	State or Country California
Date ⊠	Signature ☑

CFR 56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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State or Country California	State or Country California	
Date ⊠	Signature ⊠	

Atty. Docket No: 28110/35915A

LARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a belief named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001_as Application Serial No.__09/835,996___. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

same subject matter having a filin	g date before that of the applica	tion(s) of which priority is claimed:	
			Priority Claimed
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application	(s) listed below:
60/197,137		14/04/00	
(Application Serial Number)		(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/667,298	22/09/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
77167	(-0 (D. B.
09/631,451	03/08/00	<u>Pending</u>
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
00/500 0 40	22/26/22	D 4:
09/598,042	20/06/00	Pending

EXISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

37 CF (a) Appent by its very nature is affected with a public interest. The public interest is best served, and the most effect that all examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

prior art cited in search reports of a foreign patent office in a counterpart application, and (1)

the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material (2)information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or

(c) he has abandoned the invention, or

(d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or

(f) he did not himself invent the subject matter sought to be patented, or

(g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of was made. section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

POWER OF ATTORNEY: I beby appoint as my attorneys, with full power substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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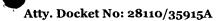
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Date 2/12/02	Signature Augustus



MAR 1 2 2002

ECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001_as Application Serial No. __09/835,996____. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

		Pr	ority Claim	ec
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes	No
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application(s)	listed below	v:
60/197,137		14/04/00		
(Application Serial Number)		(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/667,298	22/09/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/631,451	03/08/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/598,042	20/06/00	Pending
(Application Serial Number)		

POWER OF ATTORNIA I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and an act all business in the Patent and Trademan effice connected therewith:

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John B. Lungmus(18,566)
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Nate F. Scarle H. (22,320)
Edward M. O'lo B. (25,447)
Michael F. Borun (25,447)
Trevor B. Joike (25,542)
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Date 🗵	Signature ⊠

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Y. Tom Tang	United States of America
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City (Zip)	City (Zip)
San Jose, 95118	San Jose, 95118
State or Country	State or Country
California	California
Date	Signature
☑	⊠

APPLICABLE RULES AND STATUTE

MAR 1 2 2002 2 37 CFB 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) War patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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State or Country California	State or Country California	
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DEFLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a believe named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on __April 16, 2001 as Application Serial No. __09/835,996 ___. I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

international application(s) designating at least one country other than the Officed States of America In			ied by the on th	
same subject matter having a filin	g date before that of the applica	ation(s) of which priority is claimed:		
		Pri	ority Clai	
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes	No
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application(s) l	isted belo	w:
60/197,137		14/04/00		
(Application Serial Number)		(Day/Month/Year Filed)		

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/667,298	22/09/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
(Application octain Number)	(Day) Month, Tear I near	(Oldino Talested) Tending of Themeones,
09/631,451	03/08/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/598,042	20/06/00	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint as my attorneys, with full evers of substitution and revocation, to insact all business in the Patent and Tradema. Office connected therewith: POWER OF ATTORN prosecute this application and

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Anthony G. Sitko (36,278) Antiony G. Siko (36,2/8) James A. Flight (37,622) Roger A. Heppermann (37,641) David A. Gass (38,153) Gregory C. Mayer (38,238) Michael R. Weiner (38,359) William K. Markel (40, 255) William K. Merkel (40,725)

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State or Country California	State or Country California
Date 🗵	Signature ⊠

APPLICABLE RULES AND STATUTES

CF**NAR5 & 20002**Y & DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

(a) Epatent by its very nature is affected with a public interest. The public interest is best served, and the most examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
 - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
 - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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Atty. Docket No: 28110/35915A

DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

flow named inventor, I hereby declare that my residence, post office address and citizenship are as stated to my name; I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled "MATERIALS AND METHODS RELATING TO LIPID METABOLISM," the specification of which was filed on April 16, 2001 as Application Serial No. 09/835, 996 . I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above. I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56.

I hereby claim foreign priority benefits under 35 U.S.C. §119 of any foreign application(s) for patent or inventor's

listed below and have also identi	fied below any foreign applicat	tion(s) for patent or inventor's certification	ate or any PCT
international application(s) design	ating at least one country other:	than the United States of America filed by	me on the same
subject matter having a filing date	before that of the application(s) of which priority is claimed:	
		. P	riority Claimed
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit	under 35 U.S.C. §119(e) of any	United States provisional application(s)	listed below:
60/197,137		14/04/00	
(Application Serial Number)		(Day/Month/Year Filed)	

certificate or of any PCT international application(s) designating at least one country other than the United States of America

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

09/714,936	17/11/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
20/5/2020	00/00/00	Donding
09/667,298	22/09/00	Pending
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
09/631,451	03/08/00	Pending
09/631.451 (Application Serial Number)	03/08/00 (Day/Month/Year Filed)	Pending (Status-Patented, Pending or Abandoned)
 	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)
 		
(Application Serial Number)	(Day/Month/Year Filed)	(Status-Patented, Pending or Abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNE hereby appoint as my attorneys, with full potters of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark and connected therewith:

John B. Lungmus (18,566)
Allen F. Gerstein (22,218)
Nate F. Gerstein (22,320)
Edward M. O'Foole (1994)
Michael F. Boron (25,542)
Trevor B. Joiske (25,542)
Carl E. Moore, Jr. (26,487)
Richard H. Anderson (26,526)

Patrick D. Ertel (26,877) Richard B. Hoffman(26,910) James P. Zeller (28,491) William E. McCracken (30,195) Richard A. Schnurr (30,890) Anthony Nimmo (30,920) Christine A. Dudzik (31,245) Kevin D. Hogg (31,839) Jeffrey S. Sharp (31,879) Martin J. Hirsch (32,237) James J. Napoli (32,361) Richard M. La Barge (32,254) Li-Hsien Rin-Laures, M.D. (33,547) Douglass C. Hochstetler (33,710) Robert M. Gerstein (34,824) Anthony G. Sitko (36,278) James A. Flight (37,622) Roger A. Heppermann (37,641) David A. Gass (38,153) Gregory C. Mayer (38,238) Michael R. Weiner (38,359) William K. Merkel (40,725)

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APPLICABLE RULES AND STATUTES

CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

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(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or

(c) he has abandoned the invention, or

(d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or

(f) he did not himself invent the subject matter sought to be patented, or

(g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

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Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

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